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- ORIGINAL LISTED LIBRARY BUILDING**
- UNLISTED EXTENSION TO LIBRARY**
- LEGEND**
- Extg. Portland stone / sandstone copings (dependent on location) to be removed and rebbed on Code 5 lead dpc turned down outer face of wall min. 25mm, and left long on inner face to lap min. 75mm over upstanding asphalt / mineral felt finishes dressed up rear face of parapet.
 - Extg. Portland stone / sandstone copings (dependent on location) to be removed and rebbed on Code 5 lead dpc turned down both faces of wall min. 25mm, with separate Code 5 lead cover flashing secured into bed joint immediately above asphalt / mineral felt skirt (dependent on location) to lap min. 75mm over perimeter upstand to roof.
 - Extg. sandstone copings to be removed and rebbed on Code 5 lead dpc turned down outer face of wall min. 25mm, and left long on inner face to lap min. 75mm over renewed upstanding mineral felt finishes (where current failing finishes cut out and renewed).
 - Rake out existing bed joints immediately above asphalt / mineral felt skirt (dependent on location) to 'inner' upstanding walls where indicated and supply and fix Code 5 lead cover flashings to lap min. 75mm over abutting perimeter upstands to roof finishes.
- WORKS TO BE CARRIED OUT:**
- Take off extg. Portland stone copings and rebbed on Code 5 lead dpc left long on inner face as cover flashing to felt roof upstands to parapet wall, (Detail 3, drawing 2141/FR020). Same detail to sandstone copings to inner wall between asphalt and mineral felt roof areas.
 - Outlets to rotunda gutter channel discharge via corner gargoyle spitters over lower roof areas.
 - Take off extg. Portland stone copings and rebbed on Code 5 lead dpc left long on inner face as cover flashing to felt roof upstands to parapet wall, (Detail 3, drawing 2141/FR020). Same detail to sandstone copings to inner wall between asphalt and mineral felt roof areas.
 - When access afforded check condition of lantern framing and glazing. Allow for renewal of glazing in laminated solar control glass, specification to be agreed.
 - Blast clean and redecorate ornamental hopper and renew corroded lower section of cast iron rainwater pipe, including shoe.
 - Renew corroded hopper and supply and fix short length 4" diameter cast iron downpipe with shoe to spill run off over lower roof to extension. Consider overflow provision to outlet via chute with weir overflow.
 - Gutter channel formed in felt roof finishes to east side of main roof.
 - 2 no. gutter channels formed in felt roof finishes to south side of main roof.
 - Replace 3 no. corroded iron grilles built into the brickwork of the masonry duct with 225 x 150 x 102mm red terracotta air bricks.
 - Consider the need for the existing corroded cast iron soil and vent pipe, remove and cap aperture through roof finishes if considered redundant, or rub down, redecorate and fit cowl to head if still 'live'. Allow for fitting sleeve at roof penetration.
 - No works envisaged to portico roof / parapets other than masonry repairs and cleaning identified elsewhere.
 - Rub down and redecorate existing corroded cast iron soil and vent pipe, and fit cowl to head. Allow for fitting sleeve at roof penetration.
 - Replace cracked Portland stone coping with new, size and profile to match existing.
 - Carefully take down existing masonry duct to top of asphalt skirt, and rebuild in salvaged materials supplemented with new where necessary. Allow for replacing 3 no. corroded iron grilles built into the masonry with 225 x 150 x 102mm red terracotta air brick alternatives.
 - Supply and fit Code 5 lead cover flashings to asphalt / mineral felt kerts / upstands at perimeter of roof areas abutting rotunda and where upstands are not flashed by inner edges of dpcs under copings left long. Flashings to be secured into raked out (min. 25mm) bed joints in walling immediately above the roofing material upstands, secured with lead wedges at 300mm c/s and back pointed in BLM mastic. Flashings in max. 1500mm lengths and with 100mm laps between sheets, and to lap min. 75mm with roofing upstands.
 - Fit cowl to head of extg. Upvc vent pipe.
 - Replace existing corroded iron grille built into the stairwell masonry with 350 x 225 x 102mm red terracotta air brick.
 - Existing decayed timber door and frame to roof top tank room to be removed and carted away. Supply and fix new door and frame to match existing, as detail.
 - Code 5 lead cover flashings mineral felt upstands at perimeter of roof areas abutting tank room and rotunda. Flashings to be secured into raked out (min. 25mm) bed joints in walling immediately above the roofing material upstands, all as described above.
 - Take off extg. sandstone copings and rebbed on Code 5 lead dpc left long on inner face to act as cover flashing to felt upstands to rear of parapet wall. See Detail 4, drawing 2141/FR020.
 - Take off extg. sandstone copings to raking section of wall and rebbed on Code 5 lead dpc turned down 25mm each side. See Detail 5, drawing 2141/FR020.
 - Renew corroded rainwater goods to overhanging eaves of slated roof with new ogee section cast iron gutter and circular section cast iron downpipe, section sizes and profiles to match existing. Include for all fittings including rafter brackets, stop ends, and spigot outlet to gutter, and offset bends and anti splash shoe to base of rainwater pipe to discharge over existing gully.
 - Check whether existing corroded 4" diameter cast iron SVP is still required, remove and cap drain or renew (including fitting cowl to head) accordingly.
 - Renew corroded hopper and 4" diameter downpipe in cast iron components to match extg., including fitting anti splash shoe to base of rainwater pipe to discharge over existing gully. Consider overflow provision to outlet via chute with weir overflow.
 - Existing decayed finishes to mineral felt roof over bin store to be removed and carted away, including structural deck and fascias. Check condition of structural framing timbers and treat / renew as necessary. Fit treated s/w firings to improve falls on roof and supply and fix new 2 no. layer proprietary felt roof finishes on 18mm WBP external grade plywood deck, with drip detail to edge, as Details 6 and 7, drawing 2141/FR020.
 - Take off extg. sandstone copings and rebbed on Code 5 lead dpc left long on inner face to act as cover flashing to felt upstands to rear of parapet wall. See Detail 4, drawing 2141/FR020.
 - Renew corroded hopper and 4" diameter downpipe in cast iron components to match extg., including fitting anti splash shoe to base of rainwater pipe to discharge over existing gully. Consider overflow provision to outlet via chute with weir overflow.
 - Existing decayed timber louvre doors and frame to external store to be removed and carted away. Supply and fix new doors and frame to match existing, as detail.
 - Cut out existing sagging felt upstands to rear of parapet wall down to angle fillet and cart away. Supply and fix new 2 no. layer felt finishes to underside of copings, and take off and rebbed copings over on Code 5 lead dpc left long on inner face to act as cover flashing to felt upstands. See Detail 4, drawing 2141/FR020.
- DETAILS:**
- wp on felt kерт
 - extract fan on plinth
 - extract fan on plinth
 - extract fan on plinth
 - Rooflight on plinth
 - Rooflight on plinth
 - extract fan on plinth
 - wp (internal)
 - wp (internal)

Renew roof finishes and fascia over bin store, as Detail 7 drawing 2141/FR020.

Point gap between masonry reveals and roof structure at head of door frame in burnt sand and boiled linseed oil mastic worked to a neat chamfer on lime mortar backing, as detailed for windows, see drawing 2141/FR018.

Fin. 94 x 44mm treated s/w head rail to doors mortice and tenon jointed to stiles.

Fin 94 x 44mm treated s/w frame to head and reveals of opening with 12 x 46mm rebates for doors and 32mm to outer face flush with doors. Exact fixing to be determined on site.

Centre section of door leaf infilled with 21 no. 19mm treated s/w louvres rebated into the stiles and finished flush with the inner and outer face of the stiles and bottom rail.

Insect mesh fitted to the inside face of the doors behind the louvred openings.

Fin. 244 x 44mm treated s/w bottom rail to doors mortice and tenon jointed to stiles.

Concrete base to structure forms threshold to bin stores.

Existing asphalt finished concrete roof slab over tank room.

Point gap between masonry reveals and roof structure at head of door frame in burnt sand and boiled linseed oil mastic worked to a neat chamfer on lime mortar backing, as detailed for windows, see drawing Z14/FR018.

Fin, 119 x 44mm treated s/w head rail to door with 21 x 9mm rebate for securing the abutting edges of 'V' jointed treated T & G boarding and mortice and tenon jointed to stiles.

Fin 94 x 75mm treated s/w frame to head and reveals of opening with 15 x 46mm rebates for doors and 60mm to outer face to finish flush with door surface. Exact means of fixing to be determined on site.

Door facing of 'V' jointed treated s/w T & G boarding (8 no. 119 x 19mm boards set out from the central joint with end boards against the stiles cut to suit) with 100 x 25mm treated s/w bracing behind.

Ex 150 x 25mm treated s/w mid rail mortice and tenon jointed to stiles.

100 x 25mm treated s/w bracing behind boarded finish to door.

Ex 200 x 25mm treated s/w bottom rail mortice and tenon jointed to stiles.

Felt roof finish turned up and behind bottom edge of door to form threshold / seal between roof and tank room.

SECTION B-B THRU' TANK ROOM DOOR (1:5 @ A1)

Contract	Open Libraries Development	Roof Plan as Proposed			
Client	Manchester City Council	Contract No.	2141	Drawn	fds
Building / Structure	Chorlton District Library, Chorlton-cum-Hardy	Date	July 2022	Revision	-
		Scale			FR019
		As noted @ A1			

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